



STRIDE SQ



STRIDE RS

Performance at 4000k

OPTIC	POSITION	DC LOAD	EFFICACY
SQ	REGULAR	11.1 W/ft	46 lm/W
	DROPPED	11.1 W/ft	47 lm/W
RS	REGULAR	11.1 W/ft	57 lm/W
	DROPPED	11.1 W/ft	58 lm/W

To specify your STRIDE module's optic, output, length and quantity, please go to the ALG2, ALG3, and ALG5 system pages.

If you have a question or need more information on the possibilities of our modules and systems, please consult our Design Assist team.

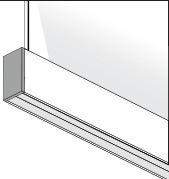
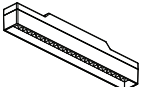
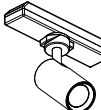
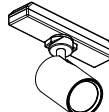
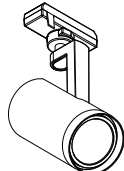
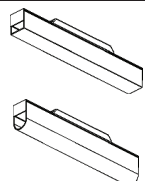
Based on static white 4000K. For the complete photometric data of this fixture go to light loss factor table.

Light loss factor (LLF)

OUTPUT	CCT	LLF RATIO		DIRECT LUMEN OUTPUT			
				SQ REGULAR		RS REGULAR	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LH (high)	4000K	1.02	0.9	529 lm/ft	467 lm/ft	650 lm/ft	574 lm/ft
	3500K	1	0.87	518 lm/ft	452 lm/ft	636 lm/ft	555 lm/ft
	3000K	0.96	0.83	498 lm/ft	427 lm/ft	612 lm/ft	525 lm/ft
	2700K	0.93	0.79	479 lm/ft	405 lm/ft	589 lm/ft	497 lm/ft

OUTPUT	CCT	LLF RATIO		DIRECT LUMEN OUTPUT			
				SQ DROPPED		RS DROPPED	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LH (high)	4000K	1.02	0.9	545 lm/ft	481 lm/ft	669 lm/ft	591 lm/ft
	3500K	1	0.87	534 lm/ft	465 lm/ft	655 lm/ft	571 lm/ft
	3000K	0.96	0.83	513 lm/ft	440 lm/ft	630 lm/ft	540 lm/ft
	2700K	0.93	0.79	494 lm/ft	417 lm/ft	606 lm/ft	512 lm/ft

Maximum Module Qty. Per Driver

MAGNETIC SYSTEM		MAGNETIC SYSTEM											
ALG		PACE (22°, 55°)		PACE HE TECH		ALTA 45		ALTA 55		ALTA 65		STRIDE (SQ, RS)	
													
Maximum DC load 96W (per driver)		LH 17.0W	LS 10.0W	LH 13.5W	LS 7.0W	LH 13.3W	LS 6.4W	LH 18.2W	LS 10.5W	LH 31.0W	LS 24.0W	LH 11W/FT	



Here is how you determine if and when you need an extra power source :

1. The total DC load (W) of installed light sources exceeds 96W.
2. The total length of indirect lighting exceeds 24' if your system exceeds either of these conditions (96W or 24'), an additional power source must be added in a M 'mid segment'.

Project name

Type

Date

Quantities

Photometric

Distribution

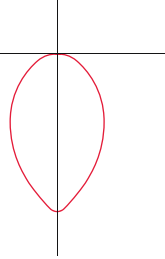
Direct Symmetric

SQ Lens Photometric Data

SQ DIRECT SYMMETRIC

LH - 4000K

Lumens: 529 lm/ft
Input watts: 11.1 W/ft
Efficacy: 46 lm/W



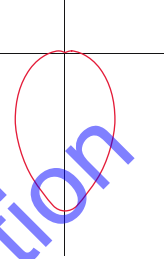
Output

LH High output 11.1W/ft

SQ DIRECT SYMMETRIC DROP LENS

LH - 4000K

Lumens: 545 lm/ft
Input watts: 11.1 W/ft
Efficacy: 47 lm/W

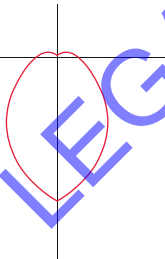


RS Lens Photometric Data

RS DIRECT SYMMETRIC

LH - 4000K

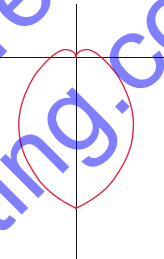
Lumens: 650 lm/ft
Input watts: 11.1 W/ft
Efficacy: 57 lm/W



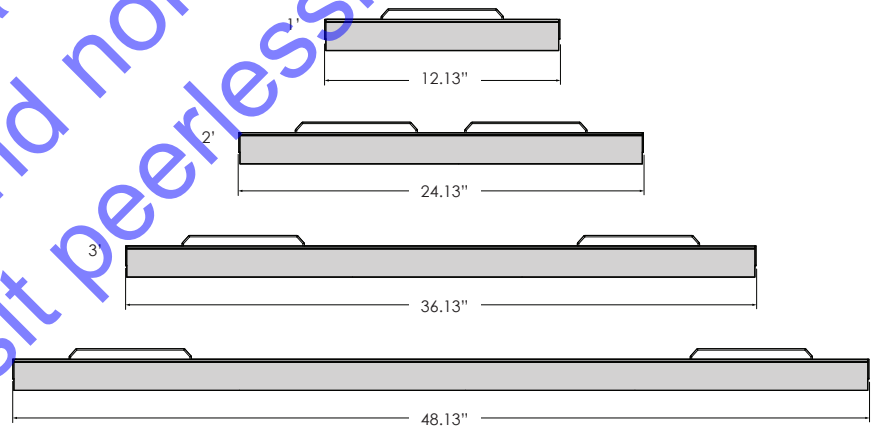
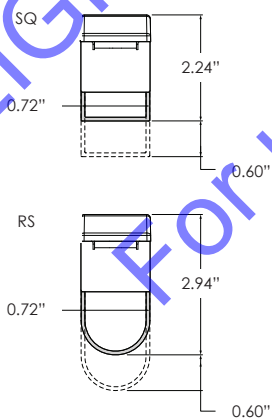
RS DIRECT SYMMETRIC DROP LENS

LH - 4000K

Lumens: 669 lm/ft
Input watts: 11.1 W/ft
Efficacy: 58 lm/W



Stride Dimensions



Project name

Type

Date

Quantities

LINEAR DIMENSIONS

Stride - Stride is offered in 1', 2', 3' and 4' nominal length. Consult the factory for custom solutions.

OPTICS

Stride - Beautiful evenly diffused lens offered in 2 shapes, rounded and square, that can be dropped by half an inch on site without any tools.

LED LIGHT SOURCE

All LEDs in this system are Nichia® LED combined with a performance driven heat sink technology. Tested in accordance with LM79 and LM-80; L70>60,000hr; operated at reduced output for high efficacy and lumen maintenance. 3000K, 3500K, and 4000K with 80+ CRI standard; other color temperatures and 90+ CRI available upon request, contact factory. LED color variation maintained at a 3-step MacAdam ellipse (SDCM 3x). LEDs are available in Standard, and High outputs. Refer to photometry for delivered lumens.

LED DRIVER

Standard 48V constant voltage universal 120-277V electronic driver provide power to DC to DC drivers that control the individual light sources Max Driver life of 50,000 hrs with ambient operating temperature range of -20°C to 70°C, maximum case temperature of 90°C. Electrical specifications at maximum driver load: PF >0.90, THD <2.0%, 92% Efficiency.

DIMMING CONTROLS

0-10V - The DC to DC drivers in each direct modules and indirect segment provide standard 0-10V dimming. Each Direct module can be individually tuned to set max output using graded potentiometer on top of fixtures.

Wireless Casambi - Each module and indirect segment can be ordered Casambi ready. Any bluetooth enabled iOS or Android smartphone with the free Casambi app can control the dimming of one or multiple light sources wirelessly.

nLight® AIR - A simplified wireless lighting control solution that give users the ability to regulate devices on any handheld device. Using the CLARITY APP, you can pair and group devices as well as customize sensor settings.

nLight® WIRED - A collection of lighting control solutions that function wired together to adapt to a space's lighting. With a collection of sensors and switches it is possible to adapt fixtures to any environment

FINISH

Electrostatically applied powder coat finish. Standard finish options include white and black.

LISTING

UL/CUL rated for Damp Locations. Tested in accordance with UL 1598 and certified to CEC/CSA C22.1, NEC, ANSI/NFPA 70, and NOM-001-SEDE.

The STRIDE is assembled in the U.S.A. and complies with the Buy America(n) Act (BAA) government procurement requirements under FAR, DFARS, and DOT.

WARRANTY

Limited defect-free manufactured equipment warranty provided under normal use and proper storage for a period of one (1) year. LED products (LED boards and drivers) will be covered for a period of five (5) years. Please refer to full terms and conditions on our website : www.alights.com/downloads/warranty/